

## Newcastle, WY

Latitude	43 51 N
Longitude	104 13 W
Elevation	4315
Station Record Begins	7/1/1906

### 30 Year Normals (1981-2010)

	Max (F)	Min (F)	Mean (F)	Precipitation	Snow (in.)
January	36.4	13.0	24.7	0.41	6.0
February	39.8	15.3	27.6	0.64	7.1
March	49.5	24.1	36.8	0.86	6.7
April	59.5	32.7	46.1	1.64	4.6
May	69.0	42.2	55.6	2.64	0.4
June	79.4	51.4	65.4	2.46	0.0
July	88.8	58.7	73.8	2.28	0.0
August	87.3	57.1	72.2	1.69	0.0
September	75.6	46.7	61.2	1.29	0.3
October	61.4	34.4	47.9	1.30	1.3
November	45.9	22.5	34.2	0.69	6.5
December	35.5	12.8	24.1	0.54	7.4
Annual	60.8	34.3	47.6	16.44	40.3

### January

#### Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	38.3	2006	7.5	1937
2	32.8	1953	9.0	1930
3	31.9	1992	11.7	1949
4	30.8	1990	11.7	1929
5	30.6	1934	12.3	1957
6	30.2	1981	13.1	1963
7	29.7	1989	14.7	1982
8	29.7	1958	14.7	1972
9	29.7	1941	15.0	1978
10	29.4	1986	15.5	1977

#### Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	DAY
1	1.30	1926	0.60	01/14/1953
2	1.22	1999	0.40	01/03/1922
3	1.11	1965	0.40	01/19/1926
4	1.06	2009	0.38	01/10/1938
5	1.02	1918	0.36	01/03/1926
6	1.00	2003	0.35	01/26/2003
7	0.98	2011	0.35	01/04/1955
8	0.97	1938	0.35	01/20/1963
9	0.95	1972	0.35	01/12/1979
10	0.90	1996	0.34	01/28/2000

#### Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	20.5	1963	7.0	01/22/2003
2	16.0	2003	7.0	01/20/1963
3	14.0	1994	6.0	01/26/2003
4	14.0	1926	6.0	01/03/1922
5	12.0	2008	6.0	01/18/1933
6	12.0	1965	6.0	01/14/1953
7	12.0	1932	6.0	01/02/1968
8	11.7	1977	5.5	01/20/1970
9	11.7	1937	5.2	01/28/1991
10	11.5	1944	4.5	01/26/1918

#### Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	YEAR
1	1.91	1998	0.80	03/18/2003
2	1.78	1998	0.73	03/30/1998
3	1.61	2003	0.72	03/02/1985
4	1.54	1943	0.62	03/04/1980
5	1.47	1929	0.58	03/13/1995
6	1.38	1975	0.54	03/08/1992
7	1.36	1995	0.53	03/06/1994
8	1.34	1944	0.53	03/23/1937
9	1.33	1925	0.50	03/10/1999
10	1.21	2002	0.46	03/09/1943

#### Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	20.0	1998	16.0	03/12/1952
2	20.0	1943	9.0	03/07/1998
3	17.0	1958	8.0	03/03/1985
4	17.0	1929	7.0	03/30/1998
5	16.0	1952	7.0	03/04/1980
6	15.9	1989	6.5	03/22/1965
7	14.9	1941	6.5	03/09/1943
8	14.0	1982	6.0	03/26/1958
9	14.0	1975	5.2	03/23/1941
10	13.0	2006	5.0	03/04/2003

### February

#### Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	37.9	1992	7.1	1936
2	37.9	1954	14.8	1929
3	37.0	1991	16.4	1933
4	34.9	1999	16.7	1939
5	34.2	1998	16.8	1989
6	33.7	2000	17.3	1922
7	33.1	2005	18.8	2011
8	33.0	1983	18.9	1960
9	32.9	1931	19.3	1923
10	32.7	1987	19.6	1993

#### Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	YEAR
1	1.56	1987	0.53	02/13/1990
2	1.39	2003	0.49	02/17/1991
3	1.29	2007	0.45	02/07/2001
4	1.26	1959	0.44	02/19/1986
5	1.13	2012	0.41	02/04/1987
6	1.06	1994	0.41	02/02/1919
7	1.05	1986	0.40	02/05/2010
8	1.04	1976	0.40	02/13/2009
9	0.99	2001	0.40	02/23/1992
10	0.98	2011	0.40	02/26/1987

#### Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	25.0	1955	12.0	02/18/1955
2	20.0	1994	10.0	02/02/1919
3	19.0	1987	9.5	02/24/2011
4	16.0	2003	8.0	02/03/1955
5	16.0	1978	7.0	02/13/1990
6	15.1	1959	6.0	02/13/2009
7	15.0	2011	6.0	02/07/2001
8	15.0	2001	6.0	02/04/1987
9	13.8	1989	6.0	02/26/1987
10	13.5	1919	5.5	02/23/2012

#### Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	YEAR
1	4.27	1971	1.72	04/19/2000
2	3.60	1940	1.72	04/25/1969
3	3.48	1942	1.35	04/19/2006
4	3.29	1963	1.28	04/22/1929
5	3.22	1986	1.20	04/17/1986
6	3.19	1941	1.19	04/18/1971
7	2.91	2006	1.15	04/18/1970
8	2.87	1975	1.13	04/09/1943
9	2.85	1927	1.12	04/08/1975
10	2.79	1932	1.09	04/23/1942

#### Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	25.0	2006	18.0	04/19/2006
2	21.1	2013	8.0	04/08/1975
3	20.5	1927	8.0	04/25/1969
4	15.0	1918	7.0	04/22/2001
5	14.0	1997	7.0	04/18/1966
6	14.0	1984	7.0	04/15/1927
7	12.0	1969	7.0	04/21/1927
8	11.4	1956	6.5	04/05/1938
9	11.2	1940	6.2	04/22/1947
10	10.5	1991	6.0	04/10/2013

**May**  
Average Temperature

WARMEST		COLDEST		
Avg	Year	Avg	Year	
1	65.6	1934	47.0	1935
2	62.9	1958	49.1	2011
3	61.3	1936	49.7	1950
4	61.1	1994	49.8	1946
5	60.5	1939	50.0	1924
6	60.4	1985	50.1	2010
7	60.4	1966	50.5	1995
8	60.1	1992	50.7	1967
9	60.0	1987	51.0	1953
10	59.8	2007	51.0	1929

Rainfall

WETTEST		DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	
1	8.29	2011	2.76	05/10/2011
2	6.00	1991	2.34	05/26/1929
3	5.64	1962	2.32	05/31/2013
4	5.54	1996	2.10	05/22/1952
5	5.10	1946	1.88	05/22/1933
6	5.07	1957	1.73	05/28/1956
7	4.87	1929	1.70	05/11/1922
8	4.84	1978	1.58	05/16/1991
9	4.83	1933	1.56	05/22/2011
10	4.72	1965	1.50	05/23/1954

Snowfall

GREATEST		LEAST		
AMOUNT	YEAR	AMOUNT	DAY	
1	7.0	1950	7.0	05/07/1950
2	6.0	1965	6.0	05/09/1965
3	5.0	1942	5.0	05/16/1942
4	4.5	1991	4.5	05/03/1991
5	4.0	1922	4.0	05/11/1922
6	3.0	2005	3.0	05/12/2005
7	3.0	1947	3.0	05/27/1947
8	3.0	1938	3.0	05/06/1938
9	2.0	2002	2.0	05/09/1986
10	2.0	1983	2.0	05/12/1983

**July**

Average Temperature

WARMEST		COLDEST		
Avg	Year	Avg	Year	
1	61.1	1936	65.5	1993
2	79.2	2012	66.4	1992
3	78.9	2007	66.7	1958
4	78.9	2003	67.4	1950
5	78.8	2006	68.2	1922
6	78.8	2002	68.4	2010
7	78.2	1940	69.3	1971
8	77.9	1966	69.5	1927
9	77.7	1939	69.6	1962
10	77.2	1989	69.8	1944

Rainfall

WETTEST		DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	
1	6.23	1997	2.25	07/19/1997
2	5.78	1922	2.00	07/05/1992
3	5.46	1958	1.96	07/21/1978
4	5.25	1926	1.90	07/12/1932
5	4.65	1992	1.90	07/28/1922
6	4.45	2004	1.68	07/13/1929
7	4.14	1929	1.56	07/03/1958
8	4.13	1923	1.51	07/25/1981
9	3.94	1981	1.50	07/16/1993
10	3.84	1966	1.50	07/24/1923

Snowfall

GREATEST		LEAST	
AMOUNT	YEAR	AMOUNT	DAY
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

**September**

Average Temperature

WARMEST		COLDEST		
Avg	Year	Avg	Year	
1	68.0	1998	48.5	1965
2	67.7	1940	52.4	1961
3	67.1	1990	54.3	1934
4	66.4	1948	54.7	1929
5	66.2	1963	55.1	1985
6	65.6	2001	55.7	1993
7	65.5	2013	56.1	1984
8	65.4	1969	56.4	1945
9	65.3	1938	56.5	1974
10	64.8	1931	56.6	1926

Rainfall

WETTEST		DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	
1	4.22	1986	2.60	09/29/1923
2	3.91	1923	2.00	09/09/2002
3	3.66	2002	1.48	09/23/1997
4	3.21	1973	1.22	09/25/1930
5	3.17	1989	1.20	09/13/1967
6	3.01	1967	1.15	09/09/2013
7	3.00	1929	1.14	09/08/1946
8	2.55	1918	1.08	09/07/1960
9	2.54	2014	1.05	09/24/1959
10	2.53	1946	1.04	09/20/1989

Snowfall

GREATEST		LEAST		
AMOUNT	YEAR	AMOUNT	DAY	
1	4.0	2000	3.0	09/23/2000
2	3.0	1927	3.0	09/26/1927
3	2.5	1961	2.5	09/29/1961
4	2.0	1995	2.0	09/27/1984
5	2.0	1985	2.0	09/16/1965
6	2.0	1984	2.0	09/25/1934
7	2.0	1965	2.0	09/06/1929
8	2.0	1934	1.3	09/27/1945
9	2.0	1929	1.0	09/21/1995
10	1.3	1945	1.0	09/20/1995

**June**

Average Temperature

WARMEST		COLDEST		
Avg	Year	Avg	Year	
1	74.3	1988	56.9	1945
2	72.5	1933	57.1	1928
3	71.5	2012	57.8	1998
4	71.4	1919	58.5	1947
5	71.0	1961	58.8	1969
6	71.0	1959	59.4	1951
7	70.6	2006	59.8	1944
8	70.5	1931	60.1	1927
9	70.4	1977	61.0	2003
10	70.2	2002	61.0	1955

Rainfall

WETTEST		DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	
1	6.35	1999	2.70	06/08/1984
2	6.20	1998	2.20	06/18/1998
3	6.15	1926	2.15	06/19/1921
4	5.76	1964	2.00	06/12/1926
5	5.64	1986	1.92	06/17/1965
6	5.45	1947	1.87	06/13/1921
7	5.08	1921	1.80	06/15/1939
8	5.07	1965	1.79	06/14/1976
9	4.57	1969	1.75	06/08/1993
10	4.48	1993	1.71	06/15/1932

Snowfall

GREATEST		LEAST		
AMOUNT	YEAR	AMOUNT	DAY	
1	2.0	1969	2.0	06/13/1969
2	TR	1944	TR	06/04/1944
3	TR	1943	TR	06/03/1943
4				
5				
6				
7				
8				
9				
10				

Rainfall

WETTEST		DRIEST	
AMOUNT	YEAR	AMOUNT	DAY
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Snowfall

GREATEST		LEAST	
AMOUNT	YEAR	AMOUNT	DAY




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**November**  
Average Temperature

WARMEST		COLDEST	
Avg	Year	Avg	Year
1	43.4	1999	18.0
2	41.5	1990	24.5
3	41.2	1954	24.6
4	41.0	1939	27.6
5	40.3	2009	27.9
6	40.2	1987	28.1
7	39.6	2001	28.7
8	39.6	1962	28.7
9	39.5	1934	28.8
10	39.3	1923	28.8

Rainfall

WETTEST		DRIEST	
AMOUNT	YEAR	AMOUNT	DAY
1	1.83	1922	1.16
2	1.65	1983	0.80
3	1.52	2008	0.80
4	1.52	1985	0.73
5	1.48	2000	0.65
6	1.47	1947	0.60
7	1.35	1927	0.60
8	1.31	1921	0.58
9	1.07	1929	0.58
10	1.05	1994	0.55

Snowfall

GREATEST		LEAST	
AMOUNT	YEAR	AMOUNT	DAY
1	21.0	1985	8.0
2	20.2	1947	7.6
3	15.0	1983	7.0
4	13.0	2000	6.5
5	12.5	1936	6.5
6	12.0	2003	6.4
7	11.1	1991	6.0
8	11.0	1927	6.0
9	11.0	1922	6.0
10	10.7	1929	5.5

Top 30 Precipitation Events

Rainfall		Snowfall	
AMOUNT	DATE	AMOUNT	DATE
1	2.76	05/10/2011	18.0
2	2.70	06/08/1964	16.0
3	2.60	09/29/1923	12.0
4	2.34	05/26/1929	10.0
5	2.32	05/31/2013	10.0
6	2.30	08/13/2000	10.0
7	2.25	07/19/1997	9.5
8	2.25	08/29/1996	9.0
9	2.20	06/18/1998	8.0
10	2.19	10/07/1994	8.0
11	2.15	06/19/1921	8.0
12	2.10	05/22/1952	8.0
13	2.01	08/15/1930	8.0
14	2.00	09/09/2002	8.0
15	2.00	07/05/1992	7.6
16	2.00	06/12/1926	7.0
17	1.98	08/10/1974	7.0
18	1.96	07/21/1978	7.0
19	1.92	06/17/1965	7.0
20	1.90	07/12/1932	7.0
21	1.90	07/28/1922	7.0
22	1.88	05/23/1933	7.0
23	1.87	06/13/1921	7.0
24	1.80	06/15/1939	7.0
25	1.79	06/14/1976	7.0
26	1.75	06/08/1993	7.0
27	1.74	08/29/1964	7.0
28	1.73	05/28/1956	6.5
29	1.72	04/19/2000	6.5
30	1.72	04/25/1969	6.5

December  
Average Temperature

WARMEST		COLDEST	
Avg	Year	Avg	Year
1	34.8	1939	9.1
2	31.9	1954	13.8
3	31.6	1959	15.4
4	31.3	1965	16.4
5	31.1	1933	16.9
6	31.0	1991	17.2
7	30.8	1994	17.9
8	30.7	1940	18.0
9	30.5	1957	18.1
10	30.2	1999	18.5

Rainfall

WETTEST		DRIEST	
AMOUNT	YEAR	AMOUNT	DAY
1	1.59	1996	0.95
2	1.52	1992	0.80
3	1.21	1924	0.70
4	1.12	1937	0.69
5	1.04	1973	0.59
6	1.00	1989	0.57
7	0.95	2007	0.53
8	0.94	1978	0.47
9	0.94	1964	0.45
10	0.93	1980	0.40

Snowfall

GREATEST		LEAST	
AMOUNT	YEAR	AMOUNT	DAY
1	24.0	1996	10.0
2	17.5	1924	10.0
3	17.0	1992	7.0
4	15.4	1978	7.0
5	15.0	1970	7.0
6	14.5	1966	6.5
7	14.0	2009	6.0
8	13.0	2007	6.0
9	11.7	1989	6.0
10	11.7	1955	6.0

Yearly Rainfall

Wettest		Driest	
AMOUNT	YEAR	AMOUNT	YEAR
1	24.34	1996	7.01
2	23.93	1929	7.76
3	23.88	1998	8.50
4	22.90	1923	9.21
5	21.31	1986	9.26
6	20.99	2013	9.38
7	20.45	1997	9.69
8	20.33	1927	10.18
9	20.32	1946	10.75
10	20.21	1991	10.91

Snowfall

Most Snow		Least Snow	
AMOUNT	YEAR	AMOUNT	YEAR
1	69.0	1993-94	12.5
2	62.0	2005-06	12.9
3	55.0	1996-97	15.0
4	54.7	1936-37	18.0
5	52.0	1974-75	19.7
6	51.0	2013-14	19.8
7	51.0	2007-08	20.8
8	50.4	1985-86	21.7
9	50.3	2010-11	22.3
10	50.3	1981-82	22.5